

Altuglas® BS 645

Polymethyl Methacrylate Acrylic

Altuglas International of Arkema Inc.

Product Description

ALTUGLAS®BS 645 is a methacrylic-styreniccopolymer of medium molecular weight available in form of solid beads.

ALTUGLAS®BS 645 is recommended as component in low-profile additives for Unsaturated Polyester Curable Resins, especially for BMC application.

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	• Europe
Features	• Copolymer	• Medium Molecular Weight
Uses	• Blending	
Forms	• Spheres	

Physical	Nominal Value Unit
Apparent Density	0.70 g/cm ³
Acid Value	< 1.00 mg KOH/g
Intrinsic Viscosity	0.54 to 0.58 dl/g
Particle Size	100 to 250 µm
Viscosity	
Solvent (30%w MEK)	200 mPa·s
Solvent (30%w STY)	700 mPa·s

Thermal	Nominal Value Unit
Glass Transition Temperature (DSC)	104 °C

Additional Information	Nominal Value Unit
Residual Monomer	< 1.0 %
Volatiles	< 1.5 %

Notes

¹ Typical properties: these are not to be construed as specifications.